

**To:** Allen, HarryL[Allen.HarryL@epa.gov]  
**Cc:** Hashimoto, Janet[Hashimoto.Janet@epa.gov]; Hiatt, Gerald[Hiatt.Gerald@epa.gov]; Black, Ned[Black.Ned@epa.gov]; Keener, Bill[Keener.Bill@epa.gov]; Calanog, Steve[Calanog.Steve@epa.gov]; Johnson, AudreyL[Johnson.AudreyL@epa.gov]  
**From:** Montgomery, Michael  
**Sent:** Sat 8/15/2015 11:25:28 PM  
**Subject:** Re: Data Intepretation

Does anybody know if SJ River is a gaining or losing stream in the Navajo reach? This was a critical component of the NM analysis.

Sent from my iPhone

On Aug 15, 2015, at 4:19 PM, "Allen, HarryL" <[Allen.HarryL@epa.gov](mailto:Allen.HarryL@epa.gov)> wrote:

Hi Mike.

Thanks for looking into this everyone!

So it would be great to have this information - even from boxes - but I can't imagine we will find sufficient data to be useful. Let me quick summarize the exisiting data from STORET for this HUC region as I see it. I did not look at the Animas HUC but Audrey did provide that.

Al - n=72, Upper Confidence Limit: 3,135 ug/l

Fe - n =21, UCL: 3,131 ug/l

Bad Act

Pb - mostly zeros, 4-5 detects n around 20, max 23.2 ug/l

Cd - same - max 0.25 ug/l

Cu - same - max 4 ug/l

Zn - n=21 , UCL 7.7 ug/l

So based on this we have a pretty difficult background message. WE do have 2

other data sources to consider:

UT DEQ just provided their San Juan data - all after the event but it might help with robustness

I finally have access to the upstream EPA data from the event. That would inform a Ned trending graphical analysis

I have raw data from 8/12 as well as San Juan but I cannot read it so I am asking for this now to be included.

Based on all this I think we'll be hard pressed to make hay out of the Navajo grant data but if you think this consists of more than 20 data points it would be useful. Recall NNEPA asked for our data today and they asked for GS and EMAP data as well. I don't know how to access that.

Thanks very much!! We'll think more on it this tonight and get back to it tomorrow.

---

**From:** Montgomery, Michael  
**Sent:** Saturday, August 15, 2015 3:09 PM  
**To:** Allen, HarryL; Hashimoto, Janet  
**Cc:** Hiatt, Gerald; Black, Ned; Keener, Bill; Calanog, Steve; Johnson, AudreyL  
**Subject:** RE: Data Interpretation

Harry -

We are still trying to get the Navajo WQ Report which would have the data, but as Janet pointed out there is good chance that they did not collect any under the grant last year. There may be a hard copy in the office but the PO is retired (Audrey is the new PO) and his files are currently boxed. We will continue to pursue getting it from Navajo (I just called Ronnie Ben). In the meantime if we have to we could start to pull the boxes. Let me know how you would like us to proceed.

mike

**From:** Allen, HarryL

**Sent:** Saturday, August 15, 2015 2:19 PM  
**To:** Hashimoto, Janet  
**Cc:** Hiatt, Gerald; Black, Ned; Keener, Bill; Calanog, Steve; Montgomery, Michael  
**Subject:** Re: Data Interpretation

Thanks. Let's use that data internally. Do you have it tabulated?

Sent from my iPhone

On Aug 15, 2015, at 2:16 PM, "Hashimoto, Janet" <[Hashimoto.Janet@epa.gov](mailto:Hashimoto.Janet@epa.gov)> wrote:

Per Eric Rich of Navajo EPA just a few hours ago, they did not collect any data last year. Actually Steve Austin of Navajo working with everyone there should be able to access any Navajo collected data. I provided Steve et al. available chem data from our 2008-2009 national stream survey. Janet

Sent from my iPhone

Janet Hashimoto, US EPA R9

On Aug 15, 2015, at 2:09 PM, Allen, HarryL <[Allen.HarryL@epa.gov](mailto:Allen.HarryL@epa.gov)> wrote:

Ok - here's what we need to do this.

Note: the data table check is on a daily track and interpretation is on a slower separate track.

Today - Gerry finishes the table for 8/10 & 11. Gerry and Ned write risk message do comparisons but we don't need this right away anymore. So really, imagine we do this for 10, 11 and presently invalidated 12 for tomorrow evening.

Tomorrow we also produce a data table check for 12 for web posting.

Ned updates his graph with rolling values for 8/12 and possibly 8/13 tomorrow I think 8/11 is there. If possible let's do a Ned graph with upstream stations as well. I have this data to share.

Janet works to obtain Navajo SW data per their grant deliverable. Need this by tomorrow to include - but not expecting that.

I have STORET data from Audrey and have estimated some background levels for metals in this HUC. I provide and all discuss how to incorporate/compare.

So tables today - messages and graph updates tomorrow.

Thanks for your help with this!!

Sent from my iPhone

On Aug 15, 2015, at 1:55 PM, "Allen, HarryL" <[Allen.HarryL@epa.gov](mailto:Allen.HarryL@epa.gov)> wrote:

Thanks. I'd like to focus on this between now and then now that I'm knee deep in it. I'll work w Ned, Gerry and Janet. What we come up with could be the beginnings of the next level data approach we need.

I'll listen in to the 2pm but really we'll need a little time to do this.

Sent from my iPhone

On Aug 15, 2015, at 1:46 PM, "Manzanilla, Enrique" <[Manzanilla.Enrique@epa.gov](mailto:Manzanilla.Enrique@epa.gov)> wrote:

Harry, Brett, Steve:

I just got off the phone with Jared.

He is comfortable providing unvalidated data to Navajo Nation as long as we have our interpretation that goes with it. But I know the UC may have issues with sharing unvalidated data. Have

non-EPA entities in the UC had an opportunity to look at unvalidated data?

What could we achieve by Sunday evening in terms of an interpretation transmittal to Navajo Nation that night?  
Interpretation for sampling dates through the 12th?

---

**From:** Tenley, Clancy  
**Sent:** Saturday, August 15, 2015 1:31 PM  
**To:** Allen, HarryL; Hiatt, Gerald; Black, Ned; Manzanilla, Enrique; Keener, Bill  
**Subject:** Melissa Harrison says there is no need to do a new press release for the August 10/11 data review

Melissa said she will just add the new data without a new release, as they have done with other regions.

This is especially appropriate since we don't anticipate any new news. This will also allow us to get the data out much faster. Please do your work on it and send in to the EU of the Area Command.

When should they expect it?